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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,732	09/29/2003	Takeshi Kinsho	0171-1022P	6775
2292	7590 07/07/2005		EXAM	INER
	WART KOLASCH &	LEE, SIN J		
PO BOX 747 FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
11225 0110			1752	
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DATE MAILED: 07/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)
Office Action Comment	10/671,732	KINSHO ET AL.
Office Action Summary	Examiner	Art Unit
	Sin J. Lee	1752
The MAILING DATE of this communicat Period for Reply	ion appears on the cover sheet wit	h the correspondence address
A SHORTENED STATUTORY PERIOD FOR THE MAILING DATE OF THIS COMMUNICA - Extensions of time may be available under the provisions of 37 after SIX (6) MONTHS from the mailing date of this communic. - If the period for reply specified above is less than thirty (30) da - If NO period for reply is specified above, the maximum statutor. - Failure to reply within the set or extended period for reply will, Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	TION. 7 CFR 1.136(a). In no event, however, may a reation. 19s, a reply within the statutory minimum of thirty period will apply and will expire SIX (6) MONT by statute, cause the application to become AB/	ply be timely filed (30) days will be considered timely. (HS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).
Status		
 1) Responsive to communication(s) filed o 2a) This action is FINAL. 2b) Since this application is in condition for closed in accordance with the practice of 	This action is non-final. allowance except for formal matte	
Disposition of Claims		
4) ☐ Claim(s) 1-17 is/are pending in the apple 4a) Of the above claim(s) is/are with 5) ☐ Claim(s) 5-10 is/are allowed. 6) ☐ Claim(s) 1,2,4,11,14,16 and 17 is/are refered 5. ☐ Claim(s) 3,12,13 and 15 is/are objected 8. ☐ Claim(s) are subject to restriction	vithdrawn from consideration. ejected. to.	
Application Papers		
9) The specification is objected to by the Example 10) The drawing(s) filed on is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the 11) The oath or declaration is objected to by	☐ accepted or b)☐ objected to be note the drawing(s) be held in abeyand correction is required if the drawing(s	ce. See 37 CFR 1.85(a). s) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) △ Acknowledgment is made of a claim for the a) △ All b) ☐ Some * c) ☐ None of: 1. △ Certified copies of the priority documents of the priority documents. ☐ Copies of the certified copies of the application from the International * See the attached detailed Office action for the certification from the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the attached detailed Office action for the International * See the International * Se	cuments have been received. cuments have been received in Apple priority documents have been a Bureau (PCT Rule 17.2(a)).	oplication No received in this National Stage
Attachment(s)		
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-3) Information Disclosure Statement(s) (PTO-1449 or PTO Paper No(s)/Mail Date	948) Paper No(s)	ummary (PTO-413) /Mail Date formal Patent Application (PTO-152)

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DETAILED ACTION

1. In view of the amendment of April 20, 2005, previous rejection on claim 3 under 35 U.S.C. 112, second paragraph is hereby withdrawn.

Claim Objections

- 2. Claim 12 is objected to because of the following informalities: On the fourteenth line following the chemical formulas (L1)-(L3), applicants need to change "with priviso that R^{L04} , R^{L05} and R^{L06} are not methyl groups a the same time" to --- with proviso that R^{L01} , R^{L02} and R^{L03} are not methyl groups at the same time ---. Appropriate correction is required.
- 3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Claim Rejections - 35 USC § 102

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4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1, 2, 4, 11, 14, 16, and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Sakurai et al (JP 56-110693 and its English translation provided by PTO).

Sakurai discloses (2-triethylsiloxycarbonylallyl)trimethylsilane which structure is $(CH_3)_3SiCH_2-C(=CH_2)-COOSi(CH_2CH_3)_3$ (see pg.2, eighth paragraph of English translation). This compound teaches present compound of formulas (1), (2), and (4) (the triethylsilyl group (-Si(CH_2CH_3)_3) is an acid-labile group and a monovalent organic group of 6 carbon atoms containing one silicon atom). Therefore, Sakurai teaches present inventions of claims 1, 2, 4, 14, 16, and 17.

With respect to present claim 11, Sakurai also discloses (2-methoxycarbonylallyl)trimethylsilane which structure is $(CH_3)_3SiCH_2-C(=CH_2)-COO$ CH₃ (see pg.2, eighth paragraph of English translation). This compound teaches present compound of formula (1) wherein R¹ is a – CH₃ group which is a primary hydrocarbon group of 1 carbon atom. Therefore, the prior art teaches present inventions of claims 1 and 11.

Allowable Subject Matter

6. Claims 3, 12, 13, and 15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Sakurai et al (JP'693) does not teach or suggest present compound of formula (3) of claim 3, in which R³ is a monovalent organic group which has to contain an oxygen functional group. Sakurai et

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al (JP'693) does not teach or suggest present acid labile group of claim 12 having formula (L1), (L2), or (L3).

- 7. Claims 5-10 are allowed. Sakurai et al (JP'693) does not teach or suggest present synthesis method of claim 5. Haider ("A Simple Synthesis of (2-Ethoxycarbonylallyl)trimethylsilane, A Potential Synthon for the Synthesis of 2-Methylene-4-alkanolides", Synthesis (1985), (3), pg.271-2) does not teach or suggest present synthesis method of claim 5, which requires the use of an oxalate (Haider uses ethoxalyl chloride instead). Sakurai et al (JP'693) does not teach or suggest present polymer of claim 6. Rizzardo et al'511 teaches (see Example 33) a polymer which is a poly(methyl methacrylate) prepared by using ethyl a-(trimethylsilylmethyl)acrylate ((CH₃)₃Si-CH₂-C(=CH₂)-COO-CH₂CH₃) as a chain transfer agent for methyl methacrylate. However, Rizzardo's polymer has molecular weight of 137,986 which is clearly out of the present range (2,000-100,000) of claim 6.
- 8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sin J. Lee whose telephone number is 571-272-1333. The examiner can normally be reached on Monday-Friday from 9:00 am EST to 5:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly, can be reached on 571-272-1526. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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S.J.L.

S. Lee July 6, 2005

SIN LEE PRIMARY EXAMINER